Plate – I

a. Adult *Parasarcophaga ruficornis* (Sarcophagidae)

b. Copulating adults of *Parasarcophaga ruficornis* (Sarcophagidae)

c. Female *Parasarcophaga ruficornis* (Sarcophagidae) releasing the maggots

d. Posterior spiracles of third instar maggots *Parasarcophaga ruficornis* (Sarcophagidae)
Plate – II

a. Insect culture cage

b. *C. bezziana* emerged from the pupae

c. Culture chamber
Plate – III (a)

Life cycle stages of *Parasarcophaga ruficornis* (Sarcophagidae) in Rainy season

- Maggot
- Maggot
- Maggot

- Maggot
- Maggot
- Pupa

- Pupa
- Pupa
- Pupa
Plate – III (b)

Life cycle stages of *Parasarcophaga ruficornis* (Sarcophagidae) in Rainy season
Plate – IV (a)

Life cycle stages of *Parasarcophaga ruficornis* (Sarcophagidae) in Winter season

Maggot x 10x  
Maggot  
Maggot

Pupa  
Pupa  
Pupa

Maggot  
Maggot  
Maggot

Pupa  
Pupa  
Pupa
Plate – IV (b)

Life cycle stages of *Parasarcophaga ruficornis* (Sarcophagidae) in Winter season

Pupa

Pupa

Pupa

Pupa

Pupa

Pupa

Adult fly

Empty Pupa
Plate – V (a)

Life cycle stages of *Parasarcophaga ruficornis* (Sarcophagidae) in summer season

Maggot

Maggot

Maggot

Maggot

Pupa

Pupa

Pupa

Pupa

Pupa

Pupa

Pupa
Plate – V (b)

Life cycle stages of *Parasarcophaga ruficornis* (Sarcophagidae) in summer season

Pupa

Pupa

Pupa

Adult fly

Empty Pupa
Plate – VI

a. Adult fly *Chrysomya bezziana* (Calliphoridae)

b. *Chrysomya bezziana* (Calliphoridae) with extended ovipositor

c. Posterior spiracles of third instar maggot of *Chrysomya bezziana* (Calliphoridae)
Plate – VII

a. Collecting the *C. bezziana* flies

b. Hatching of the egg of *C. bezziana*
Plate – VIII  Life cycle stages of *Chrysomya bezziana* (Calliphoridae) in Rainy season

- **Egg**
- **Maggot**
- **Maggot**
- **Maggot**
- **Pupa**
- **Pupa**
- **Pupa**
- **Pupa**
- **Adult fly**
- **Empty Pupa**
Plate – IX (a)

Life cycle stages of *Chrysomya bezziana* (Calliphoridae) in Winter season

- Egg
- Maggot
- Maggot
- Maggot
- Maggot
- Maggot
- Pupa
- Pupa
- Pupa
Plate – IX (b)

Life cycle stages of *Chrysomya bezziana* (Calliphoridae) in Winter season

Pupa

Pupa

Pupa

Adult Fly

Empty Pupa
Plate – X (a)

Life cycle stages of *Chrysomya bezziana* (Calliphoridae) in summer season

Bunch of Eggs  Egg  Maggot

Maggot  Maggot  Pupa

Pupa  Pupa  Pupa
Plate – X (b)

Life cycle stages of *Chrysomya bezziana* (Calliphoridae) in summer season

Adult fly  Empty Pupa
Plate – XI (a)

Effect of diazepam on the life cycle stages of *Chrysomya bezziana*

Control  4ppm  8ppm  12ppm  16ppm
12/1/2010

Control  4ppm  8ppm  12ppm  16ppm
13/1/2010

Control  4ppm  8ppm  12ppm  16ppm
14/1/2010

Control  4ppm  8ppm  12ppm  16ppm
15/1/2010

Control  4ppm  8ppm  12ppm  16ppm
16/1/2010

Control  4ppm  8ppm  12ppm  16ppm
17/1/2010
Plate – XI (b)

Effect of diazepam on the life cycle stages of *Chrysomya bezziana*

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<th>12ppm</th>
<th>16ppm</th>
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Plate – XII (a)

Effect of alprazolam on the life cycle stages of *Chrysomya bezziana*

Control 0.4ppm 0.8ppm 1.2ppm 1.6ppm

20/9/2010

Control 0.4ppm 0.8ppm 1.2ppm 1.6ppm

21/9/2010

Control 0.4ppm 0.8ppm 1.2ppm

22/9/2010

Control 0.4ppm 0.8ppm 1.2ppm 1.6ppm

23/9/2010

Control 0.4ppm 0.8ppm 1.2ppm 1.6ppm

24/9/2010

Control 0.4ppm 0.8ppm 1.2ppm 1.6ppm

25/9/2010
Plate – XII (b)

Effect of alprazolam on the life cycle stages of *Chrysomya bezziana*

Control 0.4ppm 0.8ppm 1.2ppm 1.6ppm  
26/9/2010

Control 0.4ppm 0.8ppm 1.2ppm 1.6ppm  
27/9/2010

Control 0.4ppm 0.8ppm 1.2ppm 1.6ppm  
28/9/2010

Control 0.4ppm 0.8ppm 1.2ppm 1.6ppm  
29/9/2010

Control 0.4ppm 0.8ppm  
30/9/2010

Control 0.4ppm  
1/10/2010